

## Split System Submittal Data

**System: 36THW72R      Indoor/Outdoor: THW3672R/CH3672R  
Ceiling Suspended Heat Pump**

**SANYO**  
Building Life.

Job Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Submitted to: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
Date: \_\_\_\_\_  
Construction: \_\_\_\_\_  
Unit #: \_\_\_\_\_  
Drawing #: \_\_\_\_\_

### General Data (at 230V)

<b>Power</b>	<b>V/PH/Hz</b>	<b>230/208/1/60</b>
Circuit Ampacity	(A)	15-35 Indoor-Outdoor
Fuse Size, Max.	(A)	15-35 Indoor-Outdoor



<b>Refrigerant</b>	R410A
Lbs. - R410a (outdoor unit)	6.17
Control	Electric Expansion Valve
Connection	Flare
Line Length, Max (ft.)	165
Lift Difference, Max (ft.)	50 (outdoor lower), 100 (outdoor higher)
Line Size	(in. O.D. Discharge) 3/8"
Line Size	(in. O.D. Suction) 5/8"
<b>Dimensions</b>	(in.) H x W x D
Indoor Unit	(Uncrated) 9-7/16 x 62-1/32 x 26-3/8
	(Crated) 12-15/32 x 66-1/16 x 31-1/16
Outdoor Unit	(Uncrated) 30-23/32 x 37 x 13-3/8
	(Crated) 34-31/32 x 39-31/32 x 16-3/32

<b>Compressor</b>		DC Rotary Inverter
No. used		1
R.L. Amps - L.R.	(A)	16.4-17.5
Crankcase Heater	(W)	-
<b>Outdoor Unit</b>		
Fan type		Propeller
Dia. (in.) - No. Speeds		18-7/64-1
Type Drive - No. Speeds		DC Motor
No. Poles	(RPM)	8 - 830
No. Motors	(W)	1 - 90
CFM	(High)	1942
F.L. Amps	(A)	17.3

<b>Dimensions</b>		(in.)	H x W x D
Indoor Unit	(Uncrated)	9-7/16 x 62-1/32 x 26-3/8	
	(Crated)	12-15/32 x 66-1/16 x 31-1/16	
Outdoor Unit	(Uncrated)	30-23/32 x 37 x 13-3/8	
	(Crated)	34-31/32 x 39-31/32 x 16-3/32	
<b>Weight</b>		Indoor	Outdoor
Net	(lbs.)	84	143
Shipping	(lbs.)	97	161
		Indoor	Outdoor
Shipping Volume	(cu.ft.)	14.8	13.0

## Indoor Unit

Fan type	Centrifugal		
Dia. & Length (in.) - No. Speeds	5-29/32 - 4		
No. Speeds	3 & Auto		
No. Poles	(RPM, High)	4 - 1040	
No. Motors	(W)	1 - 100	
CFM	(Hi/Med/Lo)	1100/930/750	
Indoor Sound Rating	(Hi) (dB-A)	42	
F.L. Amps	(A)	0.8	

### Performance Data @ ARI Standard Conditions (115V)

## Cooling

Total Capacity	(BTU/H)	31,200 (9,500-31,200)
Sensible Capacity	(BTU/H)	19,800
Latent Capacity	(BTU/H)	11,400
SEER		15.1
Dehumidification	(Pints/H)	10.0
Amps	(A)	18.2/20.1
Power Inputs	(W)	3,840/3,840
Outdoor Sound Rating	(dB-A)	52

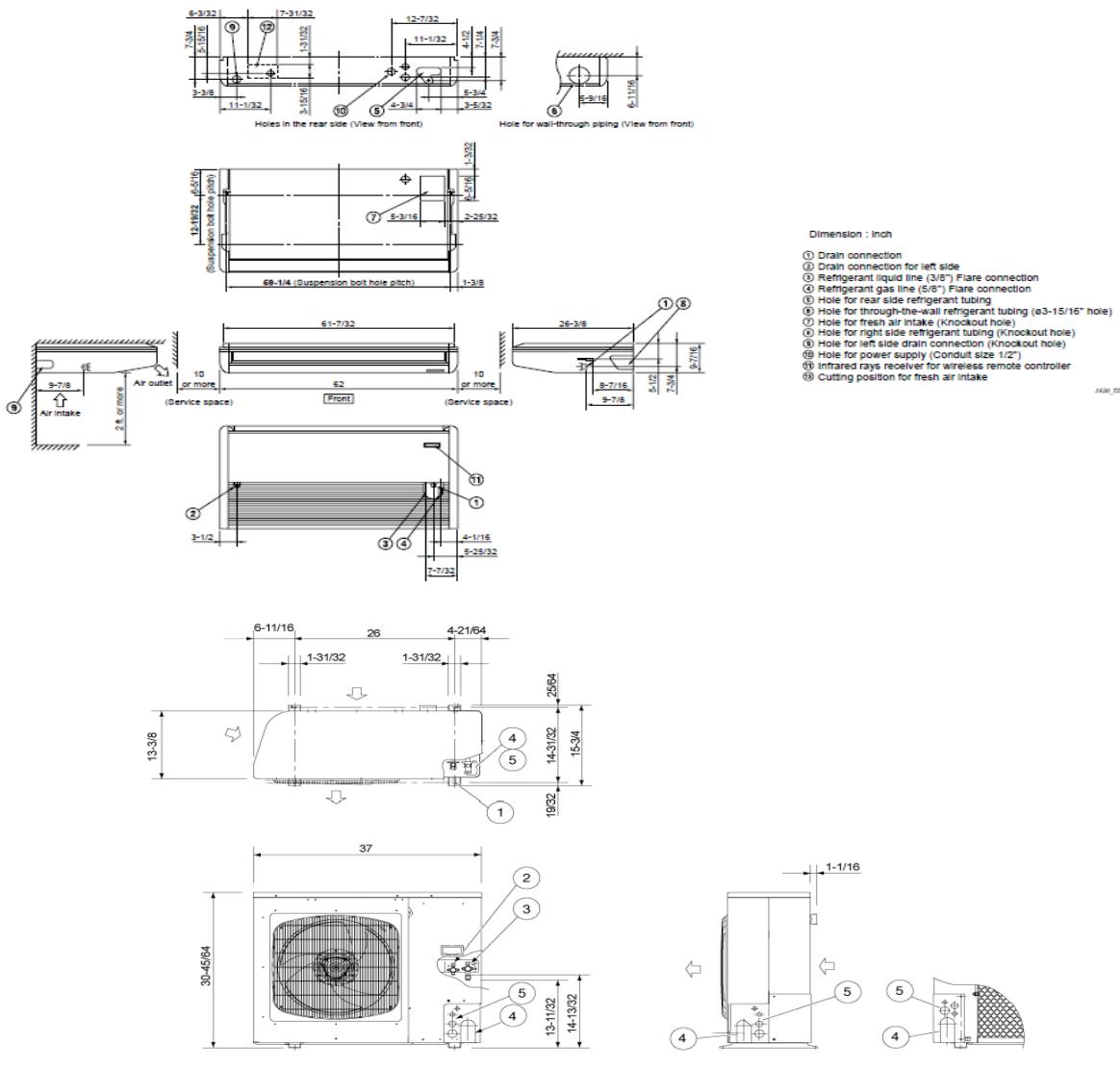
Coil Type	Aluminum Plate Fin & Copper Tube		
Fin Type - Pipe Type	Slit Plate - Inner Riffled		
Rows - F.P.I.	3 - 14.9		
Face Area	(sq.ft.)	3.51	
Tube Size	(in.)	9/32"	
Drain Connection Size	(in.)	(1-3/128)"	

## Heating

Total Capacity (BTU/H) 37,400 (8,000-37,400)  
HSPF 9.6

# Dimensions

Amps	(A)	15.6/17.3	<b>Option</b>	
Max. Amps	(A)	15.6/17.3	Refrigerant Line Set	Available
Power Inputs	(W)	3,250/3,250	Fresh Air Intake	Knock out
Back-up Strip Heater	(KW)	0.00/0.00	Airduct Extension	N/A
Outdoor Sounds Rating	(dB-A)	52	Indoor Frame Extension	N/A
			Condensate Drain Pump	Available
			Non-Removeable Remo-con Bracket	Available
<b>Feature</b>				
Controls		Microprocessor		
Remote Controller		LCD Wired Type, Temp. Sensor Built In		
Temperature Control		IC Thermostat	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Timer		72 Hour ON/OFF		
Night Setback		Built-In	Maximum	95F DB/71F WB
Air Louver	(Horizontal)	Manual	Minimum	67F DB/57F WB
	(Vertical)	Automatic		OF DB
Power Failure Automatic Restart		Built-In		Indoor Air Intake Temp. Outdoor Air Intake Temp.
Heating/Cooling Automatic Changeover		Built-In		
Self-Diagnosis		Built-In	Maximum	80F DB/67F WB
Air Filter		Washable, Anti-Mold	Minimum	75F DB/65F WB
				-DB/-WB
				5F DB



(1) Hole for anchor bolt (4-R6.5) / Anchor bolt: M10  
 (2) Refrigerant tube joint (liquid line tube) • Flare connection 3/8 in (9.52 mm)  
 (3) Refrigerant tube joint (gas line tube) • Flare connection 5/8 in (15.88 mm)  
 (4) Refrigerant tubing inlet (knock-out hole)  
 (5) Power supply inlet (knock-out hole #38, #29, #19, #16 mm)

